

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 7, 9, 11, 13 and 14, cancel claims 8, 10, 12 and 15 – 17, and add new claims 26 – 29, as set forth in the listing of claims that follows:

Listing of Claims

(insert marked-up claims)

1. (Currently Amended) A vehicle audio system, comprising:
a radio controller; ~~and~~
a data table accessible by said radio controller, said data table capable of storing a unique set of default alignment settings for each of a plurality of vehicle models,
wherein said data table is further capable of storing a unique set of preference alignment settings corresponding to personal listening preferences of a vehicle operator, said preference alignment settings being intended to override said default alignment settings; and
an internal vehicle body controller in communication with said radio controller over a data bus,
wherein said radio controller is capable of receiving data indicative of a vehicle model from said internal vehicle body controller which controls general operation of the vehicle.
2. (Original) The vehicle audio system of claim 1, wherein each of said unique sets of default alignment settings comprise values associated with one or more of the

following parameters: (i) blend; (ii) roll-off; (iii) radio frequency automatic gain control; (iv) stereo/mono; (v) time constant; and (vi) noise blanker.

3. (Original) The vehicle audio system of claim 1, wherein said data table is further capable of storing a unique set of equalization alignment settings corresponding to at least one equalization mode, said equalization alignment settings being intended to override said default alignment settings when the audio system is operating in said equalization mode.

4. (Original) The vehicle audio system of claim 3, wherein said equalization mode corresponds to operation of the audio system such that the primary output is talk.

5. (Canceled)

6. (Original) The vehicle audio system of claim 1, wherein said radio controller causes audio signals to be produced based upon said default alignment settings.

7. (Currently Amended) The vehicle audio system of claim 1, wherein ~~said radio controller is capable of receiving a vehicle identification indicative of a vehicle model, and wherein~~ said controller causes audio signals to be produced based upon said set of default alignment settings corresponding to said vehicle model.

8. (Canceled)

9. (Currently Amended) The vehicle audio system of ~~claim 8~~ claim 1, wherein said radio controller causes audio signals to be produced based upon said set of default alignment settings corresponding to said vehicle model.

10. (Canceled)

11. (Currently Amended) The vehicle audio system of ~~claim 10~~ claim 26, wherein said radio controller causes audio signals to be produced based upon said set of default alignment settings corresponding to said vehicle model.

12. (Canceled)

13. (Currently Amended) The vehicle audio system of ~~claim 12~~ claim 27, wherein said radio controller causes audio signals to be produced based upon said set of default alignment settings corresponding to said vehicle model.

14. (Currently Amended) An audio system for installation in a vehicle, comprising:

a radio controller;

a data table accessible by said radio controller, said data table capable of storing a unique set of default alignment settings for each of a plurality of vehicle models, wherein said data access table is further capable of sorting a unique set of preference alignment settings corresponding to personal listening preferences of the vehicle operator, said preference alignment settings used to override said default alignment settings[[],] ; and

a means for identifying said vehicle model in which the audio system is installed[[]; and]] ,

wherein said radio controller is adapted to cause audio signals to be produced based upon at least one of said settings in said unique set of default alignment settings or at least one of said settings in said unique set of preference alignment settings, and wherein said means for identifying said vehicle model comprises an external vehicle diagnostic device in communication with said radio controller.

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Previously Amended) A method of programming a vehicle radio, comprising:

identifying a type of vehicle in which the radio is installed;

accessing at least one default alignment setting corresponding to said type of vehicle in which the radio is installed, said default alignment setting being stored in the radio; and

using said default alignment setting to affect an audible sound produced by the radio,

wherein said step of identifying a type of vehicle in which the radio is installed comprises communicating vehicle identification information from an internal vehicle body controller to a radio controller,

wherein said internal vehicle body controller controls the general operation of the vehicle.

19. (Original) The method of claim 18, wherein said step of accessing at least one default alignment setting comprises accessing a data table, said data table being capable

of storing a unique set of default alignment settings for each of a plurality of vehicle models.

20. (Original) The method of claim 18, wherein said step of identifying a type of vehicle in which the radio is installed comprises communicating vehicle identification information from an external vehicle diagnostic device to a radio controller.

21. (Canceled)

22. (Original) The method of claim 18, wherein said step of identifying a type of vehicle in which the radio is installed comprises communicating vehicle identification information from a radio face plate to a radio controller.

23. (Original) The method of claim 18, wherein said step of using said default alignment setting to affect an audible sound produced by the radio comprises adjusting at least one signal-processing technique applied to radio signals received by the radio.

24. (Canceled)

25. (Canceled)

26. (NEW) A vehicle audio system, comprising:
- a radio controller;
 - a data table accessible by said radio controller, said data table capable of storing a unique set of default alignment settings for each of a plurality of vehicle models,
 - wherein said data table is further capable of storing a unique set of preference alignment settings corresponding to personal listening preferences of a vehicle operator, said preference alignment settings being intended to override said default alignment settings; and
 - a data bus capable of being connected to an external vehicle diagnostic device,
 - wherein said radio controller is capable of receiving data indicative of a vehicle model from said external vehicle diagnostic device.

27. (NEW) A vehicle audio system, comprising:
- a radio controller;
 - a data table accessible by said radio controller, said data table capable of storing a unique set of default alignment settings for each of a plurality of vehicle models,
 - wherein said data table is further capable of storing a unique set of preference alignment settings corresponding to personal listening preferences of a vehicle operator, said preference alignment settings being intended to override said default alignment settings; and
 - a radio face plate in communication with said radio controller,
 - wherein said radio controller is capable of receiving data indicative of a vehicle model from said radio face plate.

28. (NEW) An audio system for installation in a vehicle, comprising:
- a radio controller;
 - a data table accessible by said radio controller, said data table capable of storing a unique set of default alignment settings for each of a plurality of vehicle models, wherein said data access table is further capable of sorting a unique set of preference alignment settings corresponding to personal listening preferences of the vehicle operator, said preference alignment settings used to override said default alignment settings; and
 - a means for identifying said vehicle model in which the audio system is installed, wherein said radio controller is adapted to cause audio signals to be produced based upon at least one of said settings in said unique set of default alignment settings or at least one of said settings in said unique set of preference alignment settings, and
 - wherein said means for identifying said vehicle model comprises an internal vehicle body controller in communication with said radio controller, wherein the internal vehicle body controller controls the general operation of the vehicle.

29. (NEW) An audio system for installation in a vehicle, comprising:
- a radio controller;
 - a data table accessible by said radio controller, said data table capable of storing a unique set of default alignment settings for each of a plurality of vehicle models, wherein said data access table is further capable of sorting a unique set of preference alignment settings corresponding to personal listening preferences of the vehicle operator, said preference alignment settings used to override said default alignment settings; and
 - a means for identifying said vehicle model in which the audio system is installed, wherein said radio controller is adapted to cause audio signals to be produced based upon at least one of said settings in said unique set of default alignment settings or at least one of said settings in said unique set of preference alignment settings, and wherein said means for identifying said vehicle model comprises a radio face plate in communication with said radio controller.